

Robert Greene Sterne
 Jorge A. Goldstein
 David K.S. Cornwell
 Robert W. Esmond
 Tracy-Gen G. Durkin
 Michele A. Cimbala
 Michael B. Ray
 Robert E. Sokohl
 Eric K. Steffe
 Michael Q. Lee
 John M. Covert
 Robert C. Millonig
 Donald J. Featherstone
 Timothy J. Shea, Jr
 Michael V. Messinger
 Judith U. Kim
 Patrick E. Garrett

Jeffrey T. Helvey
 Eldora L. Ellison
 Thomas C. Fiala
 Donald R. Banowit
 Peter A. Jackman*
 Jeffrey S. Weaver
 Brian J. Del Buono
 Mark Fox Evans
 Edward W. Yee
 Vincent L. Capuano
 Virgil Lee Beaston
 Theodore A. Wood
 Elizabeth J. Haanes
 Joseph S. Ostroff
 Daniel A. Klein
 Jason D. Eisenberg
 Michael D. Specht

Tracy L. Muller
 Jon E. Wright
 LuAnne M. DeSantis
 Ann E. Summerfield
 Helene C. Carlson
 Cynthia M. Bouchez
 Timothy A. Doyle
 Gaby L. Longsworth
 Lori A. Gordon
 Laura A. Vogel
 Bryan S. Wade
 Bashir M.S. Ali
 Shannon A. Carroll
 Anbar F. Khal
 Michelle K. Holoubek
 Marsha A. Rose
 Young Tang

Christopher J. Walsh
 W. Blake Coblenz*
 James J. Pohl*
 John T. Haran
 Mark W. Rygiel
 Kevin W. McCabe
 Michael R. Malek*
 Doyle A. Siever*
 Ulrike Winkler*

Scott M. Woodhouse
 Peter A. Socarras
 Jeffrey K. Mills
 Danielle L. Letting
 Lori Brandes
 Steven C. Oppenheimer

Of Counsel
 Edward J. Kessler
 Kenneth C. Bass III
 Marvin C. Guthrie

*Admitted only in Maryland
 +Admitted only in Virginia
 •Practice Limited to
 Federal Agencies

December 22, 2006

WRITER'S DIRECT NUMBER:
 (202) 772-8560

INTERNET ADDRESS:
 RESMOND@SKGF.COM

Commissioner for Patents
 PO Box 1450
 Alexandria, VA 22313-1450

Art Unit 1646

Attn: Mail Stop Amendment

Re: U.S. Utility Patent Application
 Appl. No. 10/644,084; Filed: August 20, 2003
 For: **ADIP Protein and Use Thereof**
 Inventors: Takai *et al.*
 Our Ref: 2144.0100000/RWE/S-G

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Amendment and Reply Under 37 C.F.R. § 1.111, along with Exhibit A and Exhibit B;
2. One (1) Sheet of Annotated Drawings (Figure 2);
3. 10 Sheets of Replacement Drawings (Figures 1-10);
4. Credit Card Payment Form (PTO-2038) in the amount of \$120.00 to cover:
 \$120.00 Extension of Time Fee (one-month);
5. Petition for Extension of Time Under 37 C.F.R. § 1.136(a);
6. A computer readable copy of the Sequence Listing;
7. 25 pages of a Sequence Listing;
8. English translation of foreign priority document Japan 2002-284263; and
9. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

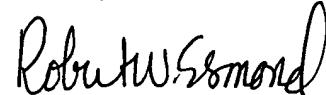
Commissioner for Patents
December 22, 2006
Page 2

In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Robert W. Esmond
Attorney for Applicants
Registration No. 32,893

RWE/S-G/lam
Enclosures

623789_1.DOC